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AP - KR20000046871 20000814

CPY - CHOI-I

- GUJU-N

DC - A96 B05

FS - CPI

IC - A61K9/10

IN - CHOI Y W; LEE S G; SHIN H U

MC - A05-H03 A10-E08A A12-V01 B04-B01C B04-C02A2 B04-C02D B04-C03C B04-C03D
B10-B02F B10-E04B B10-E04D B12-M02 B12-M03 B14-C08 B14-P01A

PA - (CHOI-I) CHOI Y W

- (GUJU-N) GUJU PHARM CO LTD

PN - KR2002013248 A 20020220 DW200301 A61K9/10 001pp

PR - KR20000046871 20000814

XA - C2003-002494

XIC - A61K-009/10

AB - KR2002013248 NOVELTY - New microemulsion hydrogel (I) comprises solubilized lidocaine in a mixed solution of a surfactant, a surfactant aid and oils, an aqueous phase, a water soluble polymer and a transdermal absorption promoter.

- DETAILED DESCRIPTION - New microemulsion hydrogel (I) comprises solubilized lidocaine in a mixed solution of a surfactant, a surfactant aid and oils, an aqueous phase, a water soluble polymer and a transdermal absorption promoter.

- The mixed solution comprises:

- (1) 5 to 30% by weight of one selected from Tween having an HLB value of 10 or more and polyoxyethylene castor oil such as cremophor as a surfactant;

- (2) 5 to 30% by weight of one selected from ethanol, benzyl alcohol, isopropyl alcohol as a surfactant aid;

- (3) 5 to 30% by weight of one selected from isopropyl myristate, labrafac CC, Labrafil M1944CS, labrafac lipophile and Labrafil WL2609BS as oils;

- (4) 0.1 to 5% by weight of one selected from carbopol, sodium alginate and carboxymethylcellulose as a water soluble polymer;

- (5) 1 to 20% by weight of one selected from ethyl digol, isopropyl alcohol and oleic acid as a transdermal absorption promoter; and

- (6) 40 to 80% by weight of water or purified water.

- ACTIVITY - Anesthetic.

- MECHANISM OF ACTION - None given.

- USE - (I) is used for treatment of premature ejaculation.

- ADVANTAGE - (I) is soft, agreeable to the touch and easy to wash without irritation when applied to the skin.

- (Dwg.0/10)

IW - NEW MICROEMULSION HYDROGEL TREAT PREMATURE EJACULATION COMPRISE SOLUBLE LIDOCAINE SURFACTANT SURFACTANT AID OIL AQUEOUS PHASE WATER SOLUBLE POLYMER TRANSDERMAL ABSORB PROMOTE

IKW - NEW MICROEMULSION HYDROGEL TREAT PREMATURE EJACULATION COMPRISE SOLUBLE LIDOCAINE SURFACTANT SURFACTANT AID OIL AQUEOUS PHASE WATER SOLUBLE POLYMER TRANSDERMAL ABSORB PROMOTE

INW - CHOI Y W; LEE S G; SHIN H U

NC - 001

OPD - 2000-08-14

ORD - 2002-02-20

PAW - (CHOI-I) CHOI Y W

- (GUJU-N) GUJU PHARM CO LTD

TI - New microemulsion hydrogel used for the treatment of premature ejaculation, comprises solubilized lidocaine, surfactant, surfactant aid, oils, aqueous phase, a water soluble polymer and a transdermal absorption promoter